

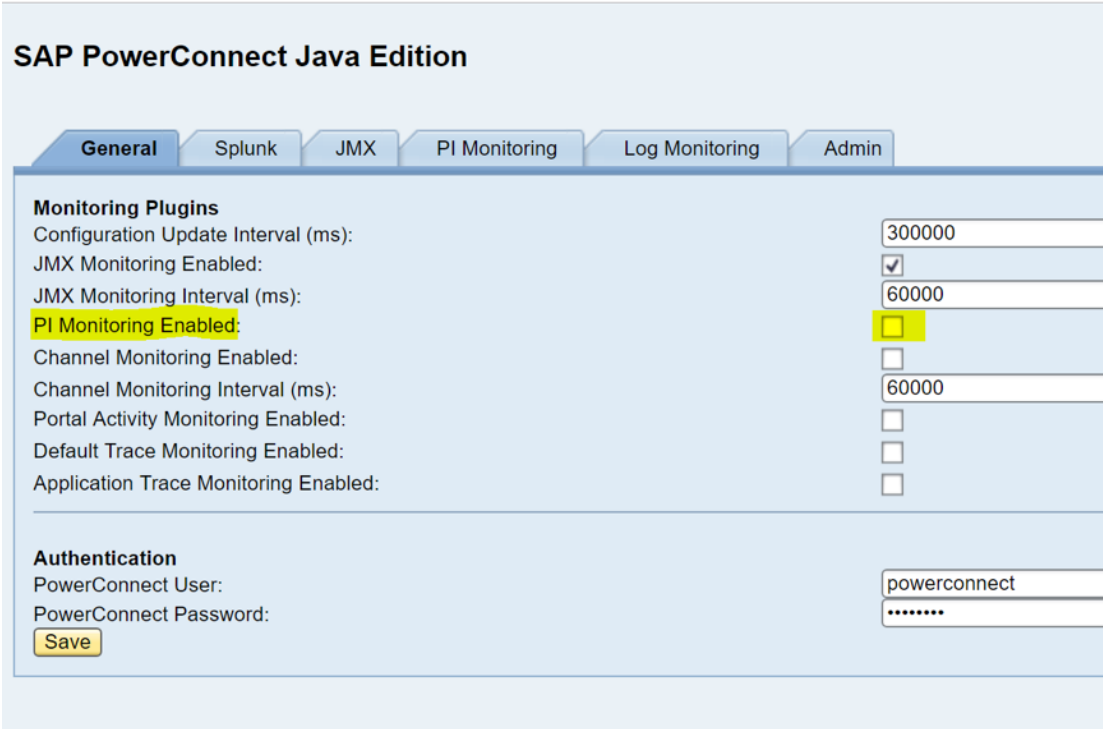
KB 069 – Disabling PI message collection

Symptom:

NW is caching the UI component so when upgrading from .24 to .26 the UI is still expecting 18 operations from the WSDL but we've added a further 4 in the new version so there's a mismatch. Forcing the service group to be re-processed fixes this because it seems to invalidate whatever cache is storing the UI config

Solution:

1. Open the PowerConnect java control panel http://<server>:<port>/webdynpro/resources/com.powerconnect5/spcj_wd/SapPowerConnectJava#
2. Uncheck the **PI Monitoring Enabled**



The screenshot shows the 'SAP PowerConnect Java Edition' configuration interface. The 'PI Monitoring' tab is selected. Under the 'Monitoring Plugins' section, the 'PI Monitoring Enabled' checkbox is highlighted in yellow and is currently unchecked. Other monitoring options like 'JMX Monitoring Enabled' and 'Channel Monitoring Enabled' are also visible. The 'Authentication' section at the bottom shows the 'PowerConnect User' as 'powerconnect' and the password field is masked with dots. A 'Save' button is located at the bottom left of the configuration area.

3. Restart the java agent and this will stop the collection of PI message payload and processing logs
4. Uncheck the **Channel Monitoring Enabled**

SAP PowerConnect Java Edition

General | Splunk | JMX | PI Monitoring | Log Monitoring | Admin

Monitoring Plugins

Configuration Update Interval (ms): 300000

JMX Monitoring Enabled:

JMX Monitoring Interval (ms): 60000

PI Monitoring Enabled:

Channel Monitoring Enabled:

Channel Monitoring Interval (ms): 60000

Portal Activity Monitoring Enabled:

Default Trace Monitoring Enabled:

Application Trace Monitoring Enabled:

Authentication

PowerConnect User: powerconnect

PowerConnect Password:

- Restart the java agent and this will stop the monitoring of the channel status
- If you want to keep the message monitoring enabled but disable the collection of the payload or processing logs this can be achieved in the

SAP PowerConnect Java Edition

General | Splunk | JMX | **PI Monitoring** | Log Monitoring | Admin

Simple Filters | Advanced Filters | **Configuration**

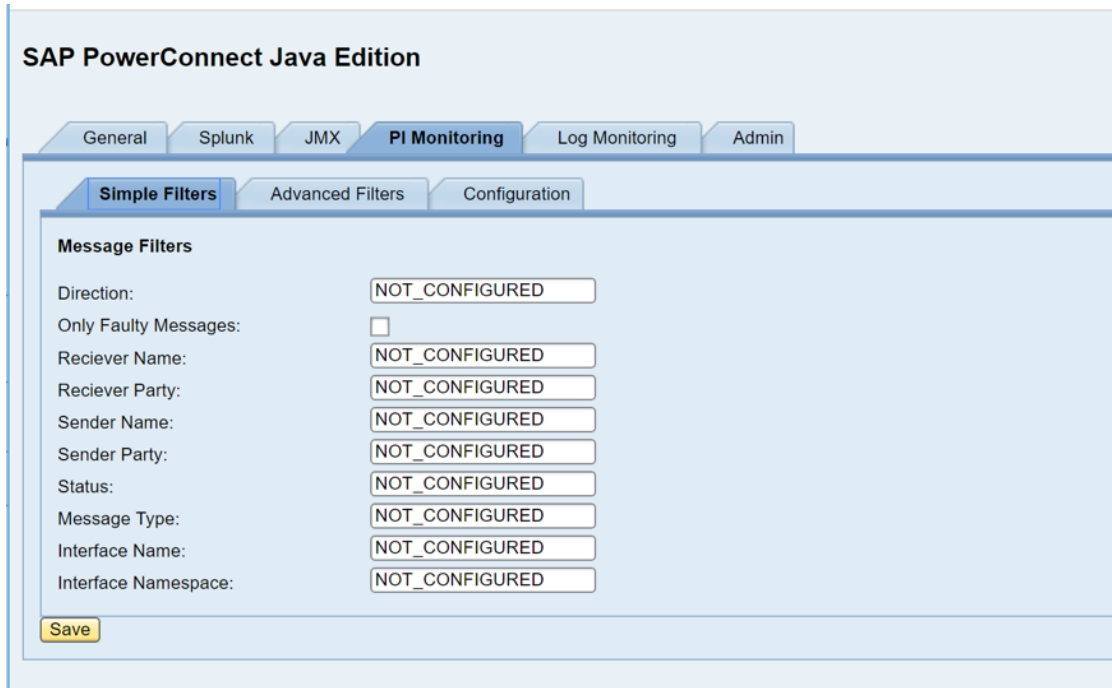
Collect message logs:

Collect message payload:

Max number of messages per minute: 100

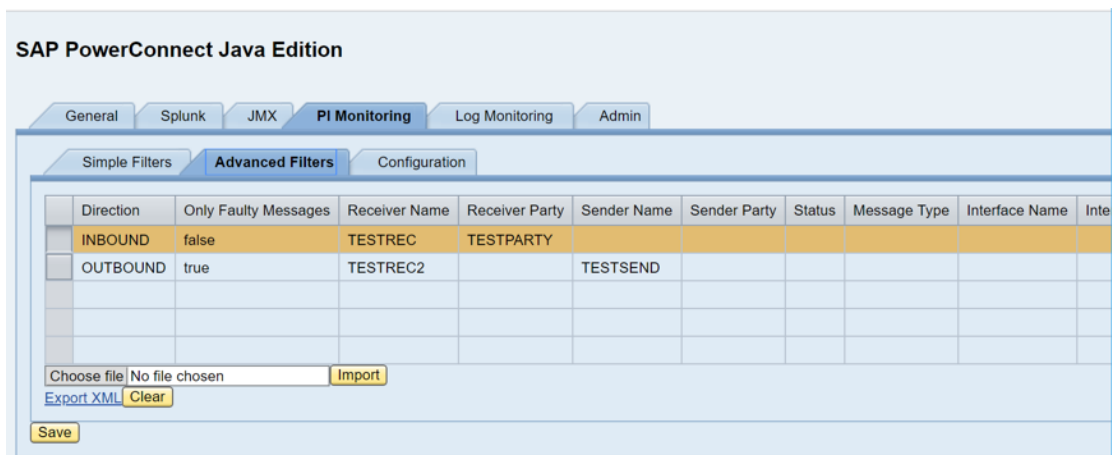
- Uncheck the **Collect message logs** will disable the collection of all message logs.
- Uncheck the **Collect message payload** to disable the collection of all PI message payload (the actual PI message contents).

- If you wish to setup a filter for specific messages



- Setting the filters to NOT_CONFIGURED is the equivalent of '*' or match all patterns.

- If there is an **Advanced** filter set then it overrides the **Simple Filter** settings



- To set the **Advanced Filter** then create an .xml file with the following structure and upload it using the [upload] button then activate it using the [import] button.

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<PIFilters>
```

```

<PIFilter>
    <direction>INBOUND</direction>
    <interfacename></interfacename>
    <namespace></namespace>
    <messagetype></messagetype>
    <onlyfaultymessages>>false</onlyfaultymessages>
    <receivername>TESTREC</receivername>
    <receiverparty>TESTPARTY</receiverparty>
    <sendername></sendername>
    <senderparty></senderparty>
    <status></status>
</PIFilter>
</PIFilters>

```

13. If you want multiple filters then duplicate the <PIFilter> </PIFilter> section like this

```

<?xml version="1.0" encoding="UTF-8"?>
<PIFilters>
    <PIFilter>
        <direction>INBOUND</direction>
        <interfacename></interfacename>
        <namespace></namespace>
        <messagetype></messagetype>
        <onlyfaultymessages>>false</onlyfaultymessages>
        <receivername>TESTREC</receivername>
        <receiverparty>TESTPARTY</receiverparty>
        <sendername></sendername>
        <senderparty></senderparty>
        <status></status>
    </PIFilter>
    <PIFilter>
        <direction>OUTBOUND</direction>
        <interfacename></interfacename>
        <namespace></namespace>
        <messagetype></messagetype>

```

<onlyfaultymessages>true</onlyfaultymessages>

<receivername>TESTREC2</receivername>

<receiverparty></receiverparty>

<sendername>TESTSEND</sendername>

<senderparty></senderparty>

<status></status>

</PIFilter>

</PIFilters>